

VBX-160

MultiGrip Universal CNC Part Loader Featuring ABB IRB 1200 Robot

Product Overview

The VersaBuilt VBX-160 represents a new category of machine tending products. It requires no robot programming, no robot teach pendant, no custom robot grippers and no special training.

MultiGrip Technology: Game Changer

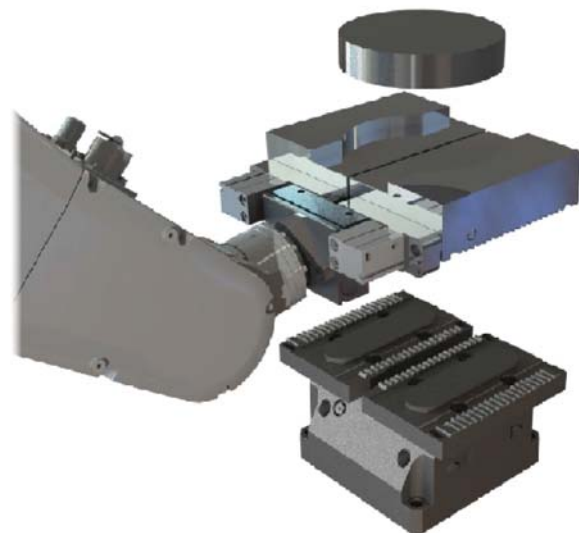
- Robot and CNC share MultiGrip jaw for processing + workholding
- Near zero part change setup time
- Multiple operations without a regrip station
- Robotic change of workholding allows unattended part changeovers through multiple operations
- Ideal for high mix, varying volume environments, as well as dedicated production

Product Features

- Automatically changes CNC and robot workholding
- Process multiple part numbers in a single load without operator intervention
- Ideal for high part mix manufacturing environments
- Efficiently process batch quantities from 5 to 50,000 pieces
- Patent-pending MultiGrip jaws tend virtually any part through multiple operations
- Integrated rinse and dry system
- Part cleaning cycle minimizes coolant and chip cleanup
- Safety guarded CNC and rack access doors
- Automatic error recovery
- Intuitive, easy-to-use VBX controller
- Gate and pivot post for easy access to robot and provides secure positioning of unit
- E-stop control provides immediate stop for optimal safety
- Stack light provides operators visual feedback to the system from a distance
- Wide access doors for ease of material placement and finished part removal
- Integrated robot sensors detect part mis-picks and mis-loads

IRB1200-7/0.7Features

- High performance 6-axis model
- 901 mm reach
- Compact and durable with IP67 protection

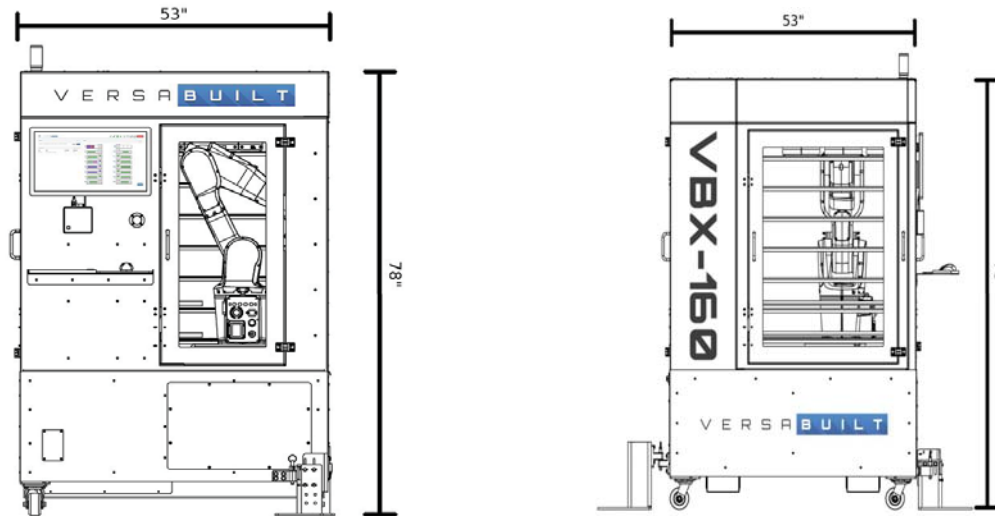


Patent-Pending MultiGrip technology solution

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Product Specifications



Electrical	3 phase 220/230 VAC, 50/60Hz
Control	Custom VBX controller interface
Jaw Storage	Up to 4 MultiGrip soft jaws per shelf
Shelf Configurations	2 racks; 4 to 9 shelves per rack

Shelf Capacity	Full Load Capacity*	Max Part Width	Max Part Depth
2	22	13"	8"
4	52	8.5"	8"
5	64	6.25"	8"
6	76	5"	8"
8	100	3.35"	8"
18	250	2"	2"

*May vary based on part geometry

More Information

To learn more about the VersaBuilt VBX-160 solution, visit versabuilt.com. You will find videos, resources, reviews, customer testimonials and details on base pricing and other options for your specific manufacturing needs.

VERSABUILT

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